

TECNOPRENE® VK6U

Polypropylene, homopolymer, 30% glass fiber reinforced, chemically coupled, high flow, UV stabilised

Typical mechanical properties

Tensile Modulus	6500 MPa	ISO 527-1/-2
Stress at break, 5mm/min	85 MPa	ISO 527-1/-2
Strain at break, 5mm/min	3.2 %	ISO 527-1/-2
Flexural Modulus	6300 MPa	ISO 178
Flexural Strength	135 MPa	ISO 178
Charpy impact strength, 23°C	45 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	9 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	9 kJ/m ²	ISO 180/1A

Thermal properties

Temp. of deflection under load, 1.8 MPa	147 °C	ISO 75-1/-2
---	--------	-------------

Flammability

Burning Behav. at 1.5mm nom. thickn.	HB class	UL 94
Burning Behav. at thickness h	HB class	UL 94

Other properties

Density	1120 kg/m ³	ISO 1183
---------	------------------------	----------

Injection

Drying Temperature	80 - 100 °C
Drying Time, Dehumidified Dryer	2 - 3 h
Max. mould temperature	50 - 80 °C

Processing Texts

Longer pre-drying times/storage

This product should be stored in a covered facility and kept away from moisture and heat.

Other Approvals

Other Approvals

OEM	Specification
Mercedes-Benz Group (Daimler)	DBL 5416
Stellantis - FCA Group	PP 140.80

